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MINISTRY OF HIGHER AND SPECIALIZED SECONDARY EDUCATION (MHE) AFFAIRS
AND CENTER OF THE

There was a general discussion of the plans for the US visit as well as of the work of the Ministry.

In addition to the Ministry of Higher and Specialized Secondary Education each Republic has a similar ministry. The curriculum is approved by the MHE and the same standards are supposed to apply throughout the country. There are about 60 methodological agencies under the MHE to see that various aspects of its policy are carried out. In addition there are an unspecified number of Scientific and Technical Councils that make recommendations on curricula. The Council on Mathematics is headed by Academician Demogorov; that of Applied Mathematics by Academician ^{Tikhonov} Brikshov (both of Moscow State University). These Councils also determine when these are complete. (I believe, in theory at least, the Council of Ministers of the USSR approve Doctor of Science degrees).

There are two general groups of higher education institutes -- those having general curricula and those with individual curricula (with highly qualified staff as Moscow State University.)

Dr. Bogomolov mentioned his forthcoming trip to the US in May which was being arranged by Control Data Corporation. The interest in PLATO was obviously great.

B. MEETING AT END OF VISIT

This meeting was devoted to a general overview of the trip and possibilities for future joint activities.

The MHE works closely with industry. Because of the close coupling of institutions with industry, some institutions give less emphasis to the use of

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computers in education. Leningrad State University, for example, should be used only for problem solving.

There appears to be no official plan for the growth of computer in education but, nevertheless, the MHE does try to plan ^{in regard to the} use of computers in many aspects of education. (It is considered a great success when a machine is over-loaded)

In terms of future activities, a seminar was discussed in general terms as a mechanism for working out a joint program of research and possibly another seminars. The US side left suggestions for a follow-up ^{seminar} on computers in education based on the following considerations:

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SUGGESTIONS FOR A 10-15 DAY SEMINAR ON
COMPUTERS IN EDUCATION

A pair of seminars 12-18 months apart to appraise the state of the art of institutional development of ^{the use of} computers in education is proposed. The seminars would be organized around three themes. Each theme would be the subject of a paper from the USSR and the U. S. A discussant from each country would analyze each paper. The number of participants from each country would range from 9 to 20. The purpose of the first seminar would be to identify cooperative projects of mutual interest that would be productive. The second seminar would be a review of progress and definition of new directions. The first could be held in the United States and the second in the USSR.

Proposed themes with possible topics within a theme are defined in rough form below. They are intended to provide a range of subjects to allow a statement of present practice and problems with an articulation of key issues.

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I. Institutional Planning -- Organizational Issues

A. Economic

1. Short term budgeting -- amount for computer
2. Relation to long term plan
3. Funds for acquisition versus operating
4. Allocation of services to users

B. Sources of Support

1. Ministerial -- Federal-State aid for Higher Education
2. Industry -- National versus regional
3. Academy-NSF -- research and development
4. Means of generating sources
5. Typical examples

C. Development of Skills and Human Resources

1. How to obtain skills to implement budgets
2. How to grow with technological skills
3. how to mix with normal academic growth
4. The Role of computer professionals in the Institutions

II. Institutional Sharing -- among institutions

A. Networking

1. Large Volume Phone Lines
2. Packet switching
3. Star versus network

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B. Standard Curriculum and Programs

1. Planning Issues
2. Necessary organizational support

C. Program Development and Distribution

1. Distribution of tasks
2. Maintenance

D. Social and Organizational Issues of Sharing

E. New Organizations to provide means of Cooperation and interchange of technologies

F. New Roles for Computer Center Managers in Sharing and Providing Services

G. Communication Costs and Tradeoffs

III. Experimentation in Delivery of Computer Based Education

- A. Case Studies -- Plato-Bartleth
- B. Future programs Being Planned
- C. Analog Experiences
- D. Quality Evaluation Projects
- E. Economic Evaluation

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(When filled in)

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USAF POSITION ON COMMUNIST COUNTRY VISITORS

Visitors: Computers in Education (New Topic under the Computers in Management S&T Bilateral)

Project/Sponsor:

CVAFI	AFSC	FTD	OTHER
/	/	N/O	

8. USAF also provides the following:

Opinion # 4345 Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020030-1
Passed to IGE 7 July 75

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(When

20 June 1975

(DATE)

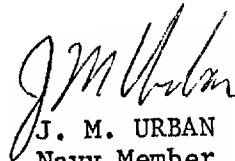
MEMORANDUM FOR THE RECORD

SUBJECT: Opinion Request: Possible new topic under (S&T Bilateral)
Computers in Management (Use of Computers in Education)

1. (U) As requested in the above opinion request, the following comments are forwarded:

a. (C) Positive intelligence opinion: It is anticipated that Navy would levy few requirements and would have a low interest in this subject.

b. (C) Security opinion: The Navy Member has no objection to this visit providing the principle of reciprocity is strictly adhered to and there is no access; visual, documentary or verbal, to production, research or other activities funded by Navy contracts or grants, whether classified or unclassified.



J. M. URBAN
Navy Member
Committee on Exchanges

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Exempt from GDS of EO 11652
Exemption Category: Two
Declassified on notification by
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Attachment to DCHI-16788-75 - dated 06-12-75

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